



# Environmental Concepts Inc.

1115 Strand Street – Suite 2E, Christiansted, St. Croix, USVI 00820 - 340-771-0550 & 340-778-3221 - [encon@mail.com](mailto:encon@mail.com)

Jaredian Design Group  
Attn. Mr. Leroy Smith, architect  
Post Office Box 6218,  
St. Thomas, USVI 00801

September 30, 2020

**Ref: Charles Fields Fire Station – Grove Place – St. Croix  
Asbestos and Lead Based Paint Assessment**

Dear Mr. Smith,

It is our pleasure to supply you with the results of the asbestos and lead based paint inspection at the above mentioned location performed on September 24<sup>th</sup>, 2020, by Maxcess Armantrading a certified asbestos and lead based paint supervisor. Six (6) potential asbestos containing materials floor tile and mastic were analyzed. Six (6) paint chips were also analyzed for lead. All samples were analyzed by EMSL Analytical Laboratories in Cinnaminson, New Jersey. The asbestos samples were analyzed using the PLM Method and the lead samples were analyzed using the AAS Method.

**Asbestos:**

Federal asbestos standards are set at a maximum concentration of one (1) percent, any asbestos concentration below this level does not fall under the current Federal asbestos laws.

**Our inspection did not detect any asbestos above Federal Standards**

**Lead based paint:**

Federal asbestos standards are set at a maximum concentration of one half (0.5) percent by weight, any lead concentration below this level does not fall under the current Federal lead based paint laws.

**Our inspection did not detect lead based paint above Federal Standards**

We thank you for giving us the opportunity to perform this inspection for you and if you have any questions concerning this or any other environmental issue, please do not hesitate to contact us at 771-0550 or 778-3221.

Sincerely,

John Verstraaten, Ph.D., CMRS  
**Certified Microbial Remediation Specialist**

encl



**"INTEGRITY IN INDOOR AIR QUALITY"**

**Servicing the US Virgin Islands for over 25 years**

ENCON is a registered trademark in the U.S. Patent and Trademark Office





# EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077  
Tel/Fax: (800) 220-3675 / (856) 786-5974  
<http://www.EMSL.com/cinnaslab@EMSL.com>

EMSL Order: 042023535

Customer ID: ECI50A

Customer PO:

Project ID:

Attention: Florida Office

Environmental Concepts, Inc. (ENCON)

1115 Strand Street - Suite 2E

Christiansted, St. Croix, 00820

Phone: (340) 771-0550

Fax: (815) 550-1134

Received Date: 09/28/2020 10:45 AM

Analysis Date: 09/28/2020 - 09/29/2020

Collected Date: 09/24/2020

Project: Charles Fields Fire Station

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
1A-VAT 042023535-0001	Dome #1 - VAT - Brown/White	Brown/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1B-Mastic 042023535-0001A	Dome #1 - Mastic - Black	Gray/Black/Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
2A-VAT 042023535-0002	Dome #2 - VAT - Tan	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2B-Mastic 042023535-0002A	Dome #2 - Mastic - Black	Gray/Black/Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
3A-VAT 042023535-0003	Dome #2 - VAT - Dark Tan	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
3B-Mastic 042023535-0003A	Dome #2 - Mastic - Black	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Nancy Stalter (2)

Olufunke Akintunde (4)

*Samantha Rundstrom*

Samantha Rundstrom, Laboratory Manager  
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 09/29/2020 07:37:37





042023535

Environmental Concepts Inc.

RECEIVED  
EMSL  
CINNAMINSON, N.J.

SEP 24 10:56

1115 Strand Street - Suite 2E, Christiansted, St. Croix, USVI 00820 - 340-771-0550 &amp; 340-778-3221 - encon@mail.com

## Chain of Custody / Analysis Request Form

Project Name: Charles Fields Fire Station

Page: 1 of 1

Address: 324 Estate Grove Place, Frederiksted, St. Croix USVI 00840Date: September 24, 2020Name of Inspector: Maxcess Armantrading

O Asbestos by PLM

Nbr	Description Location	Material	Color
1A	Dome #1	VAT	Brown/White
1B		Mastic	Black
2A	Dome #2	VAT	Tan
2B		Mastic	Black
3A	Dome #2	VAT	Dark Tan
3B		Mastic	Black

TAT: 24 hoursDelivery Method: US Mail - Express

Send Results to: Florida Office

Billing to Florida Office

Email: encon@mail.com

EMSL Analytical  
200 Route 130 North  
CINNAMINSON, NJ08077

Maxcess Armantrading



"INTEGRITY IN INDOOR AIR QUALITY"

Serving the Virgin Islands for over 25 years

ENCON is a registered trademark in the U.S. Patent and Trademark Office



**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 786-5974

<http://www.EMSL.com>[cinnaminsonleadlab@emsl.com](mailto:cinnaminsonleadlab@emsl.com)

EMSL Order: 202008669

CustomerID: ECI50A

CustomerPO:

ProjectID:

Attn: **Maxcess Armantrading**  
**Environmental Concepts, Inc. (ENCON)**  
**1115 Strand Street - Suite 2E**  
**Christiansted, St. Croix, 00820**

Phone: (340) 771-0550  
Fax: (815) 550-1134  
Received: 09/28/20 10:45 AM  
Collected: 9/24/2020

Project: **Charles Fields Fire Station / 324 Estate Grove Place, Frederiksted, St. Croix USVI 00840**

**Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)\***

Client Sample Description	Lab ID	Collected	Analyzed	Weight	Lead Concentration
1	202008669-0001	9/24/2020	9/29/2020	0.2701 g	0.0098 % wt
Site: Dome #1 - Wall					
2	202008669-0002	9/24/2020	9/29/2020	0.2697 g	0.022 % wt
Site: Bathroom - Wall					
3	202008669-0003	9/24/2020	9/29/2020	0.2607 g	0.013 % wt
Site: Dome #2					
4	202008669-0004	9/24/2020	9/29/2020	0.2710 g	<0.0080 % wt
Site: Communication / Kitchen					
5	202008669-0005	9/24/2020	9/29/2020	0.2548 g	<0.0080 % wt
Site: Main Area - Floor					
6	202008669-0006	9/24/2020	9/29/2020	0.2631 g	0.011 % wt
Site: Exterior Wall					

Phillip Worby, Lead Laboratory Manager  
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted.

Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.008% wt based on the minimum sample weight per our SOP. "<" (less than) result signifies the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, AIHA-LAP, LLC ELLAP 100194, A2LA 2845.01

Initial report from 09/29/2020 17:35:05





# Environmental Concepts Inc.

1115 Strand Street - Suite 2E, Christiansted, St. Croix, USVI 00820 - 340-771-0550 & 340-778-3221 - [encon@mail.com](mailto:encon@mail.com)

## Chain of Custody / Analysis Request Form

Project Name: Charles Fields Fire Station

Page: 1 of 1

Address: 324 Estate Grove Place, Frederiksted, St. Croix USVI 00840

Date: September 24, 2020

Name of inspector: Maxcess Armantrading

O Lead Paint by AAS

Nbr	Description Location	Material	Color
1	Dome #1 - wall	Paint chip	Gray
2	Bathroom - wall	Paint chip	Yellow / Turquoise
3	Dome #2	Paint chip	Yellow / Turquoise
4	Communication / Kitchen	Paint chip	Yellow / Turquoise
5	Main Area - Floor	Paint chip	Gray
6	Exterior Wall	Paint chip	Yellow / Gray

TAT: 24 hours

Delivery Method: US Mail - Express

Send Results to: Florida Office

Billing to Florida Office

Email: [encon@mail.com](mailto:encon@mail.com)

EMSL Analytical

200 Route 130 North  
CINNAMINSON, NJ08077



"INTEGRITY IN INDOOR AIR QUALITY"

Serving the Virgin Islands for over 25 years

ENCON is a registered trademark in the U.S. Patent and Trademark Office

*Maxcess Armantrading*  
Maxcess Armantrading  
10.11.20




 A0.0  
 11-18-2011  
 Drawing No.  
 NOT ISSUED FOR CONSTRUCTION

